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| Sheet | 1 | of | 1 |
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| Application Number | 10/733,904 |
| Filing Date | December 11, 2003 |
| First Named Inventor | Perry C. Bates |
| Art Unit | 1744 |
| Examiner Name | Unknown <i>L. McKane</i> |
| Attorney Docket Number | BTO-103-B |

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

| | | | |
|-----------------------|---------------|--------------------|----------|
| Examiner Signature | Leigh McNamee | Date Considered | 11/17/05 |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Sheet 1 of 2

| FORM PTO-1449 LIST OF REFERENCES CITED BY APPLICANT | | | | ATTY. DOCKET NO. BTO-103-B | | SERIAL NO. 10/733,904 | |
|---|----|--|------------|---|-------|----------------------------------|-------------|
| | | | | APPLICANT Perry C. Bates and Jim Stehlik | | | |
| | | | | FILING DATE December 11, 2003 | | GROUP unknown 1744 | |
| U. S. PATENT DOCUMENT | | | | | | | |
| EXAMINER INITIALS | | PATENT NO. | ISSUE DATE | PATENTEE | CLASS | SUBCLASS | FILING DATE |
| LM | AA | 6,021,953 | 2/8/00 | Swan | 236 | 44A | 8/22/95 |
| | AB | 5,373,704 | 12/20/94 | McFadden | 62 | 94 | 10/24/91 |
| | AC | 5,092,520 | 3/3/92 | Lestage | 236 | 44 | 11/30/90 |
| | AD | 4,953,450 | 9/4/90 | Remondino | 98 | 33.1 | 9/8/89 |
| | AE | 4,843,786 | 7/4/89 | Walkinshaw, et al. | 52 | 169.5 | 2/12/88 |
| LM | AF | 3,332,620 | 7/25/67 | D. P. Streed | 236 | 44 | 7/8/65 |
| OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | |
| LM | AG | UV-Aire Purifying System (2 sheets) retail information by Field Controls, <i>prior art.</i> | | | | | |
| LM | AH | Voltarc Germicidal Lamps (4 sheets) array of sizes of lamps and characteristics, <i>prior art.</i> | | | | | |
| LM | AI | Ultraviolet Light Fixtures (3 sheets) fixture information by Air Lights, <i>prior art.</i> | | | | | |
| LM | AJ | Aerobiological Engineering, Ultraviolet Germicidal Irradiation (6 sheets) presented by Penn State Architectural Engineering & Biology Departments, <i>prior art.</i> | | | | | |
| LM | AK | Sylvania Engineering Bulletin O-342, Germicidal and Short-Wave Ultraviolet Radiation (16 sheets) C.C. Mpelkas, Illumination Engineering Department, Sylvania, <i>prior art.</i> | | | | | |
| LM | AL | Ultraviolet Susceptibility of BCG and Virulent Tubercle Bacilli (6 sheets) R.L. Riley M. Knight, and G. Middlebrook, <i>prior art.</i> | | | | | |
| LM | AM | State of the Art Clearing the Air, The Theory and Application of Ultraviolet Air Disinfection (9 sheets) Richard L. Riley and Edward A. Nardell, <i>prior art.</i> | | | | | |
| LM | AN | Sylvania Product Catalog (6 sheets) containing germicidal lamp information, <i>prior art.</i> | | | | | |
| LM | AO | Technical Bulletin, UV-Aire™ Field Report, (7 sheets) Field Controls, <i>prior art.</i> | | | | | |
| EXAMINER L. McKane | | | | DATE CONSIDERED 11/17/05 | | | |
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| | | | | APPLICANT Perry C. Bates and Jim Stehlik | | | |
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| U. S. PATENT DOCUMENT | | | | | | | |
| EXAMINER INITIALS | | PATENT NO. | ISSUE DATE | PATENTEE | CLASS | SUBCLASS | FILING DATE |
| | AA | | | | | | |
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| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | |
| LM | AG | E-Z Breathe™ Ventilation System Rids Home of Pollutants, Provides Clean Air (2 sheets), <i>prior art.</i> | | | | | |
| LM | AH | IESNA Lighting Handbook, Nonvisual Effects of Optical Radiation (7 sheets), <i>prior art.</i> | | | | | |
| LM | AI | Influence of relative humidity on particle size and UV sensitivity of <i>Serratia marcescens</i> and <i>Mycobacterium bovis</i> BCG aerosols; G. Ko, M.W. First, H.A. Burge, 2000 Harcourt Publishers Ltd. , Department of Environmental Health, Harvard School of Public Health, Boston, MA 02115, USA (12 sheets) | | | | | |
| LM | AJ | Effect of Relative Humidity on the Inactivation of Airborne <i>Serratia marcescens</i> by Ultraviolet Radiation, R. L. Riley and J.E. Kaufman, Department of Environmental Medicine, School of Hygiene and Public Health, The Johns Hopkins University, Baltimore, Maryland 21205 (8 sheets), <i>prior art.</i> | | | | | |
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